

AMBARTSUMIAN, TS.L.; BASALOVA, G.I.; GORZHEVSKAYA, S.A.; NAZARENKO, N.G;
KHODZHAYEVA, R.P.; PCHELINTSEVA, G.M., red.; MAZEL', Ye.I., tekhn.
red.

[Thermal investigation of uranium and uranium-containing minerals]
Termicheskie issledovaniia uranovykh i uransoderzhashchikh minera-
lov. Moskva, Gos. izd-vo lit-ry v oblasti atomnoi nauki i tekhniki,
1961. 146 p. (MIRA 14:11)

(Uranium—Analysis)

15.2230
21.2100

24446
S/081/61/000/006/010/015
B101/B201

AUTHORS: Margulis, O. M., Stovbur, A. V., Basalova, G. K.

TITLE: Products from molten zirconium dioxide with improved thermostability

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 6, 1961, 367, abstract 6K241 (6K241) ("Sb. nauchn. tr. Ukr. n.-i. in-t ogneuporov", 1960 vyp. 3 (50), 153-171)

TEXT: A method of producing bricks and ZrO_2 products of a high thermostability has been developed. It consists in using the cubic and monoclinic modification of molten ZrO_2 in a 1:1 ratio. The cubic modification of ZrO_2 , stabilized by means of CaO, has been found at 1500°C to have a low stability which, however, is strongly improved by the addition of 50 % of the monoclinic modification. The thermal expansion coefficient of the monoclinic modification of ZrO_2 and its mixtures with the cubic one is smaller than the thermal expansion

Card 1/2

Products from molten zirconium...

24446
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coefficient of the cubic ZrO_2 modification. Petrographic and X-ray analyses have shown that the cubic modification of ZrO_2 , stabilized by means of CaO or MgO, is disturbed when heated at some length to 1200°C. This disturbance has been found to be accompanied by a rise of the stability of products at 1500°C. [Abstracter's note: Complete translation.]

Card 2/2

S/131/62/000/012/002/004
B117/B186

AUTHORS: Margulis, O. M., Romanchenko, K. G., Stovbur, A. V.,
Basalova, G. K.

TITLE: Tips for immersion type thermocouples made from zirconium dioxide of increased resistance to heat

PERIODICAL: Ogneupory, no. 12, 1962, 552 - 554

TEXT: Basing on previous experience (O. M. Margulis et al., Stal', 1957, no. 8; Ogneupory, 1959, no. 4; Sbornik rabot UNIIO, 1960, no. 3) tips for thermocouples were made from molten zirconium dioxide (mixture of cubic and monoclinic modifications) by ceramic casting and freeze-drying. Dross with pH = 1-2, 20% moisture, and 8 - 10 poise viscosity was used for casting. Dried dross with paraffin and oleic acid was used for freeze-drying. The tips produced by the two methods and annealed in periodic furnaces with petroleum heating at 1750°C had a porosity of 1 - 30%. Without protective coating they withstood 2 - 6 immersions in molten chromium at 2000 - 2040°C. Tests carried out under operating conditions in induction and steel arc furnaces showed that tips produced by the two methods withstood 2 - 3 immersions in molten metal and allowed of making temperature measurements at Card 1/2

Tips for immersion type...

S/131/62/000/012/002/004
B117/B186

1700 - 1750°C. Their thermal inertia of 15 sec corresponded to that of quartz glass (12 - 20 sec). There is 1 table.

ASSOCIATION: Ukrainskiy nauchno-issledovatel'skiy institut ogneuporov
(Ukrainian Scientific Research Institute of Refractories)

Card 2/2

MARGULIS, O.M.; ROMANCHENKO, K.G.; STOVBUR, A.V.; BASALOVA, G.K.

Immersion thermocouple tips made of zirconium dioxide with
a high thermal stability. Ogneupory 27 no.12:552-555
'62. (MIRA 15:12)

1. Ukrainskiy nauchno-issledovatel'skiy institut
ogneuporov.

(Thermocouples)

ACC NR: AP6025594

SOURCE CODE: UR/0413/66/000/013/0033/0033

INVENTOR: Basalyga, V. F.

ORG: none

TITLE: Dc voltage stabilizer. Class 21, No. 183247

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 13, 1966, 33

TOPIC TAGS: voltage stabilizer, transistorized circuit, semiconductor device

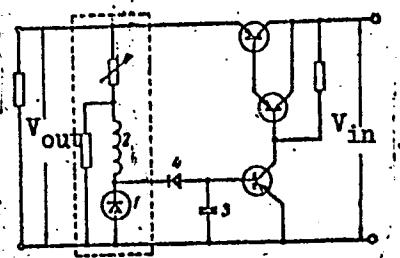
ABSTRACT: This Author Certificate presents a dc voltage stabilizer of semiconductor devices (containing a regulating transistor) whose emitter-collector section is connected in series with the load and whose base is connected to an amplifier stage with common emitter. To improve the stabilization, a relaxation circuit consisting of a tunnel diode and an inductor is connected at the stabilizer output (see Fig. 1). The relaxation circuit output is connected through an integrating circuit consisting of a diode and a capacitor to the transistor base of the amplifier with the common emitter.

Card 1/2

UDC: 621.316.722.1:621.396.62

ACC NR: AP6025594

Fig. 1. 1 - tunnel diode; 2 - inductor;
3 - capacitor; 4 - diode



Orig. art. has: 1 diagram.

SUB CODE: 09/ SUBM DATE: 14Nov64

Card 2/2

BASALYGO, L.I., aspirant; BASS, I.B., prof., doktor tekhn.nauk

Organizing production in the preparing and cutting shop of
sewing factories. Izv.vys.ucheb.zav.;tekh.leg.prom. no.1:
28-41 '59. (MIRA 12:6)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti.
Rekomendovana kafedroy organizatsii proizvodstva i ekonomiki
legkoy promyshlennosti.
(Clothing industry)

BASALYGO, L.I., aspirant

Fundamentals of production organization in preparation and cutting workshops of clothing factories. Izv. vys. ucheb. zav.: tekhn. leg. prom. no.4:3-17 '59. (MIRA 13:2)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti.
Rekomendovana kafedroy organizatsii proizvodstva i ekonomik legkoy
promyshlennosti.
(Clothing industry--Management)

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203810020-5

BASALYGO, L.I., insh. (Moskva)

Problems of work organization on multiple-machine units, Shvein.
prom. no. 6:11-16 M.D '59. (MIRA 13:4)
(Clothing industry--Management)

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203810020-5"

BASALYGO, L. I.

Cand Tech Sci - (diss) "Study of methods of operational planning of production in manufacturing and laying out works of sewing fabrics." Moscow, 1961. 16 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Moscow Technological Inst of Light Industry); 130 copies; price not given; (KL, 6-61 Sup, 213)

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203810020-5

BASALYGO, L.I.

Consultation. Shvein. prom. no.1838 Ja-F '63.
(MIRA 16:4)

(Wages—Mechanics(Persons))

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203810020-5"

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203810020-5

BASALYGO, L.I.; ALEKSEYEVA, M.N.; KULIKOVA, T.I. (Moskva)

Work organization in control operations. Shvein. prcm.
no.1:23-26 Ja-P '65. (MIRA 18:4)

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203810020-5"

BASALYGO, L.I., KORYAKOVA, L.V. (Moskva)

Improving the wage and occupation classification for clothing
industry workers. Shvein.prom. no.24-7 Mr-4r '65.

(MTRA 18:6)

BASALYKAS, A.

Geomorphological characteristics of the city of Vilna and its environs.

P. 33 (Lietuvos TSR Mokslu akademija. Geologijos ir geografijos institutas.
MOKSLINIAI PRANESIMAI. Vol.1, 1955, Vilnius, Lithuania)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

BASALIKAS,A.B.

Principal features of the Nemman Valley structure. Izv.AN SSSR.
Ser.geog. no.3:45-48 My-Je '55. (MERA 8:9)

1. Institut geologii i geografii Akademii nauk Litovskoy SSR.
(Neman Valley--Physical geography)

BASALYKAS, A.

14-57-7-14487

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 7,
p 36 (USSR)

AUTHOR: Basalykas, A.

TITLE: Paleodynamic Phases of the Nyamunas (Neman) River in
the Alitus-Kaunas Section [Paleodinamicheskiye fazy
reki Nyamunas (Neman) na uchastke Alitus-Kaunas i
nekotoryye voprosy neotektonicheskoy aktivnosti -- in
Lithuanian]

PERIODICAL: Tr. AN LitSSR, 1956, Vol 4 B, pp 55-68

ABSTRACT: During the studies of the Neman River valley, conducted
in 1953 and 1954, 32 transverse profiles were plotted.
Their comparison showed that the first dynamic phase
of the channel's development expressed itself only in
its deep incision. During the second phase deep
erosion was accompanied by a lateral shift in the
channel, a fact proven by the presence of terraced

Card 1/3

14-57-7-14487

Paleodynamic Phases of the Nyamunas (Cont.)

sections with a thin alluvial cover and a 1° to 3° slope toward the channel. During the third phase a horizontal lateral displacement occurred; this was the phase of renewed deposition, according to V. V. Lamakin [Zemlevedeniye, 1948, Vol 1 (43); 1950, Vol 3 (43)], and it has left rather wide terraces which are covered with horizontally stratified flood plain deposits. Continuous shifting of free meanders took place over a wide flood plain during the later part of the third phase. In the section under study, the Neman River is divided into four sections with unequal amounts of incision, which depend upon the relief of the intersected plateau. An analysis of the observations leads to the conclusion that after its genesis (discharge from glacial lakes), the valley was frequently rejuvenated by epeirogenic uplifts of the earth's crust. Within the region of the Baltic shelf, incisions have occurred five times, and the last one is active even now. The extent of lateral channel shifting has diminished over a period of time. This indicates that the uplifts occurred in separate movements of moderate speed, and Card 2/3

14-57-7-14487

Paleodynamic Phases of the Nyamunas (Cont.)

that periods of tectonic inactivity were of short duration. The northern section of the Central Lithuanian Plain experienced less frequent but more intense uplifts. The longest period of tranquillity, which coincided with the end of Lithuania's subarctic climatic period, was accompanied by the formation of a 10-m terrace. Subsequent strong uplift belongs, apparently, to the time of the Joldia arctica Sea. Refined uplift occurred in the Litorina litorea period. A bibliography of seven titles is included. [In-t geol. i geogr. AN LitSSR (Geological and Geographical Institute of the AS Lithuanian SSR)].

Card 3/3

G. K.

BASALYKAS 47

BASALYKAS, A.

The main features of the relief of Lithuanian SSR.

p. 237 (Moksliniai Pranesimai) Vol. 4, 1957, Vilnius, Lithuania

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

BASALIKAS, A.B.

Dynamic phases of river valleys and alluvial deposits; based on
the example of the Nemam Valley. Biul. Kom. chstv. per. no.21:
38-46 '57. (MIRA 10:6)

(Rivers) (Alluvium) (Neman Valley)

TSYS', P.N.; KALESNIK, S.V.; SOKOLOV, N.N.; CHOCHIA, N.S.; PROTOPOPOV, A.P.; ZABELIN, I.M.; GOZOZNETSKIY, N.A.; YEFREMOV, Yu.K.; KARA-MOSKO, A.S.; KOZLOV, I.V.; SOLNTSEV, N.A.; ISACHENKO, A.G.; ARMAND, D.L.; MIROSHNICHENKO, V.P.; PETROV, K.M.; KAZAKOVA, O.N.; MIKHAYLOV, N.I.; PARMUZIN, Yu.P.; GERENCHUK, K.I.; MIL'KOV, F.N.; TARASOV, F.V.; NIKOLAYEV, V.N.; SOBOLEV, L.N.; RYBIN, N.N.; DUMIN, B.Ya.; IGNAT'YEV, G.M.; MEL'KHEYEV, M.N.; SANEBLIDZE, M.S.; VASIL'YEVA, I.V.; PEREVALOV, V.A.; BASALIKAS, A.B.

Discussion at the conference on studying land forms. Nauk. zap. Lviv.
(MIRA 11:6)
un., 40:231-267 '57.
1. Lvovskiy gosudarstvenny universitet (for TSys', Gerenchuk, Dumin).
2. Laboratoriya aerometodov AN SSSR, Leningrad (for Sokolov,
Miroshnichenko, Petrov). 3. Institut geografii AN SSSR, Moskva (for
Armand, Sobolev). 4. Gosudarstvenny universitet, Voronezh (for Mil'kov,
Tarasov). 5. Leningradskiy gosudarstvenny universitet (for Chochia,
Isachenko, Kazakova). 6. Komissiya okhrany prirody AN SSSR, Moskva (for
Protopopov). 7. Gosudarstvenny universitet, Chernovtsi (for Rybin).
8. Gosudarstvenny universitet, Irkutsk (for Mel'kheyev). 9. Go-
sudarstvenny pedagogicheskiy institut im. V.I. Lenina, Moskva (for
Vasil'yeva). 10. Bol'shaya Sovetskaya Entsiklopediya (for Zabelin).
11. Gosudarstvenny universitet, Tbilisi (for Saneblidze). 12. Moskovskiy
gosudarstvenny universitet (for Gvozdetskiy, Solntsev, Mikhaylov,
Parmuzin, Nikolayev, Ignat'yev). 13. Torgovo-ekonomicheskiy institut,
Lvov (for Perevalov). 14. Gosudarstvenny institut im. Kapsukasa,
Vil'nyus (for Basalikas). 15. Muzej zemlevedeniya Moskovskogo go-
sudarstvennogo universiteta (for Yefremov, Kozlov). 16. Srednyaya shkola
No.13, Kiev (for Kara-Mosko). (Physical geography)

BASALYKAS, A.

| | TABLE I. BOOK EXTRACTION | NOV/2005 |
|---|--|----------|
| 151 | Lietuvos TSR valstybės akademijos Geologijos ir Mineralogijos Institutas Geografiniai matematikai. I (Geo-Geographical Handbook, I) Vilnius, 1999. Vol. 2. Printed only 1,000 copies printed. | |
| 152 | Sponsoring Agency: Lietuvos TSR geografinis departamento; Ministerial Institute: A. Basalykas, E. Melnikas, V. Šalčius-Česke (President), K. Radzevič, V. Černiauskas (Vice President), R. Matulynas, and S. Narvydas. Responsible M. (Secretary); R. Matulynas, and S. Narvydas. | |
| 153 | PURPOSE: This book is intended for geographers and for the general reader interested in the geography of Lithuania. | |
| CONTENTS: The first volume of the Geographical Handbook presents articles by 22 authors covering aspects of the climatology, geomorphology, geology of Lithuania, hydrology, limnology, economic geography, etc. of Lithuania. The publication also includes a section devoted to book reviews and a chronicle or bibliography. Most articles appear in Lithuanian with English and Russian summaries. References accompany each article. | | |
| 154 | Chenaut, P. Studies of the Lithuanian Geographical Environment and the History of its People Makinson, E. Mathematical Foundations of the Major Tectons in Lithuania Nepomnyashchii, B. Problems in Studying the Natural Heterogeneity of the Atmosphere Aleksejev, V. Some Problems in the Stratigraphy and Palaeogeography of the Late Quaternary in Europe and Northern Asian America according to New Data Aleksejev, V. Morphogenetic Diagnosis of Europe Bazilevičius, I. Geophysical Method of Determining the Chemical Analyses of Water on the Basis of Isotope Tests Balionis, J. and A. Tylionas. Thunderstorms in the Lithuanian SSR and in the Belarusian Republic Balionis, J. A. Determination of Vertical Movements in the Free Atmosphere According to the Data of Wind Velocity Measurements in a Radio Station Baranovicius, A. Long-distance Flows in the Nemunas River and the Construction of the Second Hydroelectric Power Plant Bazilevičius, V. Economic Importance of Lakes and Rivers in Eastern Lithuania Bazilevičius, A. Soil Problem in the Highlands of Eastern Lithuania Bazilevičius, V. The Problem of Glaciation and Evident Utilization of Glacial Land in Northern Lithuania Bazilevičius, I. Some Particularities of Physical Geography of the Druses, Nemunas and Neris River Basins Bazilevičius, I. Preliminary Data on Glacial Lake Basins and Their Genesis in the Geomorphic Epiphase Bazilevičius, I. Role of the Natural Zone of the Last Glaciation, as Seen in the Neris River Basin Bazilevičius, V., and G. Radkevičius. Some New Data on the Intra-glacial Rivers Phenomenon of Northern Lithuania Bazilevičius, A. Mineral Springs in Southern Lithuania Balionis, I. Role of the Natural Zone of the Upper Nemunas River in Lithuania Chronicle List of Members of the Geographical Society of the Lithuanian SSR Address of the Geographical Society of the Lithuanian SSR Publications of the Geological and Geographical Institute of the Academy of Sciences of the Lithuanian SSR AVAILABILITY: Library of Congress (G.05135) | 155 |
| 155 | 156 157 158 159 160 | |

BASALYKAS, A.

SCIENCE

PERIODICAL: DARBAI. SERIJA B. TRUDY. SERIIA B. No. 3, 1958

Basalykas, A. Concerning the interpretation of the dynamic phases of Lithuanian rivers. p. 203

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203810020-5

BASALIKAS, A.

"On Dynamic Phases and Stages of the Evolution of River Valleys"

report to be submitted for the Intl. Geographical Union, 10th General Assembly
and 19th Intl. Geographical Congress, Stockholm, Sweden, 6-13 August 1960.

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203810020-5"

KVEDARAS, A., red.; BASALYKAS, A., red.; BERGAS, V., red.;
MALDZIUNAITE, S., red.; PETRAUSKAS, V., red.; SIBUTIS, A.,
red.; ZIEMYTE,E., red.; BANCEVICIUS, P., tekhn. red.

[Problems of the development of the lower Neman River; transac-
tions] Nemuno zemupio sutvarkymo Klausimai; [pranesimai]. Vilnius,
Valstybine politines ir mokslines literaturos leidykla, 1961.
177 p. (MIRA 15:5)

1. Konferencija Nemuno zemupio sutvarkymo ir apsaugos klausimais,
Vilnius, 1960.
(Neman River)

BASALIKAS, A.B.



Varieties of final moraines occurring in Lithuania. Trudy Kom.
chetv. per. 21:99-112 '63. (MIRA 16:10)

1. Vil'nyusskiy gosudarstvennyy universitet imeni Kapsukasa.

MILENUSHKIN, Yu.I.; BASALKEVICH, V.I.

Pioneer explorer of the world of viruses; on the 100th anniversary
of the birth of Dimitrii Iosifovich Ivanovskii (1864-1920).
Vop. virus. 9 no.5:521-526 -O '64. (MIRA 18:6)

1. Kabinet istorii mikrobiologii i epidemiologii (zav. Yu.I.
Milenushkin) Instituta epidemiologii i mikrobiologii imeni
Gamalei (dir. P.A. Vershilova) AMN SSSR, Moskva.

BULGARIA / Chemical Technology. Chemical Products and Their Application. Leather. Fur. Tanning Agents. Gelatin. Industrial Proteins. H-35

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 3367.

Author : Basam, Ya.

Inst : Not given.

Title : The Technique of Chrome Tanning Russian Leather Made From Goat Skin With Native Vegetable and Synthetic Extracts.

Orig Pub: Leka promyshlenost, 1958, 7, No 1, 13-15.

Abstract: A technique is given for manufacturing Russian leather from goat skin by combined tanning with chrome salts, vegetable and syntan tanning agents. A consumption of the chrome extract (alkalinity 33%) is 0.8%; the tanning agent blend

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RUMANIA/Chemical Technology - Chemical Products and Their
Application, Part 3. - Fermentation Industry.

H-27

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 48415
Author : Coman Basarac, Constantin Perju
Inst : -
Title : High Quality Wines of People's Republic of Rumania and
of Other Countries.
Orig Pub : Gradina, via si livada, 1957, 6, No 8, 61-64

Abstract : The following Rumanian wines were judged to be the best
in the result of an evaluation: white dry Krymposhie,
Traminerul, Sauvignon (Dragasane, Tyrnava), moderately
dry Pinaud Blanc and Pinaud Gris (Tyrnava), red table
wine Bordeau (Symbureshti), champagne "Zarya" (Bucha-
rest). Mavrodaphne from Greece and Vermouth-Cora from
Italy proved to be the best among foreign wines.

Card 1/1

RUMANIA / Chemical Technology. Fermentation Industry. H-27

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 79289.

Author : Teodorescu, St., Basamac, C., Popa, E.

Inst : Not given.

Title : The Elimination of a Predisposition to Sickness
in Wines from Hybrids of Direct Producers.

Orig Pub: Gradina via si livada, 1958, 7, No 3, 15-18.

Abstract: In the wines from the hybrids of direct producers one year after they have been treated with sulfur dioxide (20 grams/hectoliter) plus charcoal (100 grams/hectoliter) plus colloidal bentonite (200 grams/hectoliter), the content of volatile acids was increased in brands Noax, Ananas and Otello by 33.5 and 5% respectively sic. In the fermentation with an addition of 10% of husks from "noble" grape varieties and the treatment with SO₂ (15 grams/hectoliter), the content of volatile

Card 1/2

73

RUMINI./Chemical Technology. Chemical Products and Their
Applications. Fermentation Industry.

H

Abs Jour: Ref Zhur-Khim., No 8, 1959, 29228.

Author : Basarac, C. and Popa, E.

Inst :

Title : Wines from Salfed Hybrid Plants.

Orig Pub: Gradina via si Livada, I, No 9, 25-27 (1958)
(in Rumanian)

Abstract: Soviet-developed technology was applied to the production of Kagor type wine from salfed hybrid Othello and Ananas vines by the addition of up to 16 vol% alcohol and 160 gms/liter sugar to the distillate obtained from these grapes; the wines obtained tested 8.21 and 8.61, respectively, on the Prostoserdov

Card : 1/3

NUM.NL./Chemical Technology. Chemical Products and Their
Applications. Fermentation Industry.

II

Obs Jour: Ref Shur-Khim., No 8, 1959, 29228.

scale. In 1954 the mixture of mash and wort was heated for 15 min, allowed to stand 12 hrs, pressed, decanted, and up to 15 vol% of wine distillate and 100 gms/liter of sugar were added at the beginning of fermentation. After fermentation, each 100 liters of wine was treated with 15 gms SO₂ + 100 gms of colloidal bentonite; in March, the wine was treated with 10 gms SO₂ + 50 gms colloidal bentonite. The Kagor type wine obtained from Othello and Ananas grapes analyzed 7.8 and 7.3, respectively. Using the same technology, wine analyzing 7.75 and 8.35 was obtained from Othello and Ananas grapes, respectively at Kagor in 1955. Vermouth prepared (16.17 vol%

Card : 2/3

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SEPTILICI, Georgeta; CIORANU, Henriette; GHERMAN, Maria; ATANASIU, C.; POPA, Ecaterina; BASAMAC, C.

Efficient methods for the complete fermentation of the sulfitized musts with increased contents of sugar and acids. Comunicarile AR 11 no.10:1265-1272 0 '61.

1. Comunicare prezentata de Gherasim Constantinescu, membru corespondent al Academiei R.P.R.

| | | | |
|--|---|--|-----|
| COUNTRY | : | Rumania | M-8 |
| CATEGORY | : | | |
| PERIODICAL | : | RZBiol., No. 8, 1958, No. 87273 | |
| AUTHOR | : | Basaramac, D. | |
| INST. | : | | |
| TITLE | : | The Best Pollinators for Principal Self-Sterile Varieties of Grapes in Dragasani (Rumanian People's Republic). | |
| ORIG. PUB. | : | Gradina, via si livada, 1957, 6, No 5, 1,1-44 | |
| ABSTRACT : The experiment station of viniculture at Dragasani has found that under the conditions of 1955-1956 the best pollinators, in the Dragasani district, for the Bragina variety were the following: Saint Emillion, Ternycaseu Romynyaska, and Riesling Italian; for the variety Krympochkiye -- Rupestris dyu Lot, Muscat Ottone, and Riesling Italian; for Chernyy Krepkiy -- Aramon x Rupestris Ganzen No 1, Saperavi, and Kaberne Sovin'cn. Pollination with the pollen of these pollinators resulted in yield increase of 24-40% of grapes of varieties Bragina, Krympochkiye and Chernyy Krepkiy. -- Ye. T. Zhakovskaya. | | | |

CARD: //

136

LYUBOMUDROV, V. Ye., kand.med.nauk; BASAMYGINA, L.Ya.; MATEYEVA, K.M.

Periarteritis nodosa in children. Pediatriia 38 no.8:76-80
Ag '60. (MIRA 13:12)

1. Iz otdela profpatologii Donetskogo instituta fisiologii
truda (dir. - dotsent L.E. Zhislin) i Stalinskoy oblastnoy
tsentral'noy klinicheskoy bol'nitsy (glavnnyy vrach M.I. Asnes).
(ARTERIES—DISEASES)

BASAMYGINA, L.Ya.

Clinical aspect of initial symptoms of vibration sickness. Vrach.
delo no.6:ll8-l21 Je '61. (MIRA 15:1)

1. Kafedra fakul'tetskoy terapii No.2 (zaveduyushchiy - dotsent
S.I.Kamenetskiy) Stalinskogo meditsinskogo instituta.
(VIBRATION PHYSIOLOGICAL EFFECTS)

NAVAKATIKYAN, A. O., kand. med. nauk; LYUBOMUDROV, V. Ye., kand. med. nauk; SHCHERBAKOVA, O. I.; PAVLOVA, O. A.; BASAMYGINA, L. Ya.; STEGNIY, A. S. (Donetsk)

USSR

Evaluation of the arterial pressure in workers of certain professions. Vrach. delo no.7:136 Jl '62. (MIRA 15:7)

1. Laboratoriya klinicheskoy fiziologii (zav. - kand. med. nauk A. O. Navakatikyan) i otdel professional'nykh zabolеваний (ispolnyayushchiy obyazannosti zaveduyushchego - kand. med. nauk V. O. Lyubomudrov) instituta fiziologii truda i kafedra fakultetskoy terapii II (zav. - dotsent N. S. Kamenetskiy) meditsinskogo instituta.

(BLOOD PRESSURE)

LYUBOMUDROV, V.Ye.; ONOPKO, B.N.; BASAMYGINA, L. Ya.; TARNER, M.V.;
TITOVA, A.N. (Donetsk).

Frequency and clinical manifestations of the vibration disease
of miners in some coal mines of the Donets Basin. Gig. truda
i prof. zab. 7 no.3:23-29 Mr'63 (NIRA 17:1)

1. Nauchno-issledovatel'skiy institut fiziologii truda i
Donetskiy meditsinskiy institut.

BASAN , IA.; BICHEV, R.

"Investigating oak pith in Bulgaria in relation to the production of tannin extract."

GODISHNIK: Vol. 3, No. 2, 1956 ; Sofiia, Bulgaria

Monthly list of EAST EUROPEAN ACCESSIONS INDEX (EEAI), Library of Congress,
Vol. 8, No. 8, August, 1959

Unclassified

BASAN, IA.; BICHEV, R.

"Investigation of the preservation of spruce bark from rotting in temporary
and factory warehouses."

GODISHNIK, Vol. 3, No. 2, 1956; Sofia, Bulgaria

Monthly list of EAST EUROPEAN ACCESSIONS INDEX (EEAI), Library of Congress,
Vol. 8, no. 8, August, 1959

Unclassified

BASAN, IA.

"Method for tanning leather of goats with local vegetable and synthetic extracts."

p.13 (Leka Promishlenost, Vol. 7, no. 1, 1958, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

BASAN, IA.; SLAVIN, IA.; SPASCV, S.

"Producing synthetic tanning extracts from native coke tar."

LEKA PROMISHLENOST., Sofia, Bulgaria., Vol. 8, No. 2, 1959

Monthly list of EAST EUROPEAN ACCESSIONS (EEAI), LC, Vol. 8, No. 7, July 1959, Unclassified

~~BASAN, LEON~~

USSR/Medicine - Physiology

FD-2706

Card 1/1 Pub. 33-15/28

Author : Basan, Leon

Title : A new method for the study of physiological processes during labor [work]

Periodical : Fiziol. zhur. 41, 95-96, Jan-Feb 1955

Abstract : Describes a method for the study of physiological processes, as respiration, during muscular exertion, by utilizing a portable radio transmitter attached to the subject, and a portable receiver to be used by the researcher for recording the transmitted data with the aid of a special kymograph. Graphs. No references.

Institution : Scientific-Research Military Medical Institute of the Bulgarian People's Republic, Sofiya

Submitted : November 11, 1954

BASAN, L.; LOVDZHIEV, I.

Complex radiograph. p. 14.

RATSIONALIZATSIIA. Vol. 6, no. 2, Feb. 1956

Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 6, No. 1, January 1957

BASAN, L.; LOVDZHIEV, I.

BASAN, L.; LOVDZHIEV, I. A radio method for studying respiration while moving. p. 12.

Vol. 6, No. 9, Sept. 1956.

RATSIONALIZATSILA.

TECHNOLGY

Sofia, Bulgaria

So: East, European Accession, Vol. 6, No. 3, March 1957

BASAN, L.; LOVDZHIEV, I.

Radiography for studying the central nervous system and recording the movement of the extremities during work and sports. p. 12.
(Ratsionalizatsiia, Vol. 6, no. 12, Dec. 1956, Bulgaria)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 6, June 1957, Uncl.

BASAN, L.; LOVDZHIEV, I.

Contest for solving the problems of the narrow spaces in Lenin State Metallurgic Plant.
p. 15.
(Ratsionalizatsiia, Vol. 6, no. 12, Dec. 1956, Bulgaria)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 6, June 1957, Uncl.

BASAN, L., LOVDZHIYEV, I.

Radio in studying respiration during work and athletic performance.
Fiziol. zhur. 44 no.8:773-775 Ag'58 (MIRA 11:9)

1. Nauchno-issledovatel'skiy voyenno-meditsinskiy institut,
Sofiya, Narodnaya, Respublika Bolgariya.
(RESPIRATION, physiology
radio transmission, during work & athletic performance
(Rus))
(WORK, physiology
resp., radio transm. (Rus))
(ATHLETICS,
resp.funct., radio transm. (Rus))
(RADIO AND TELEVISION.
radio transm. of resp. funct. in work & athletic
performance (Rus))

B

BASAN, L.I.

Methods for studying the higher nervous activity of infants under
natural conditions. Zhur. vys. nerv. deiat. 10 no. 5:800-803
S-0 '60. (MIRA 13:12)

1. Nauchno-issledovatel'skiy institut okhrany materinstva i
detstva, Sofiya, Bolgariya.
(CONDITIONED RESPONSE)

BASAN, O.I.
EXCERPTA MEDICA Sec 7 Vol.12/8 Pediatrics Aug 58

2124. LESIONS OF THE LUNGS DUE TO STAPHYLOCOCCUS WITH SYMPTOMS
SIMILAR TO SCARLET FEVER (Russian text) - Basan O. I. - ARKH.
PATOL. 1957, 19/2 (23-29) Illus. 2

Description of 7 cases of rapidly fatal staphylococcal infection with pulmonary localizations. The disease manifests itself by a catarrh of the respiratory tract, high temperature, vomiting, convulsions and an exanthema which suggests toxic scarlatina. Pathologically there are cutaneous hyperaemia, anaemic foci in the liver, cerebral oedema and in the lungs either isolated or multiple foci. These as a rule triangular foci are reddish-black, with grey or greyish-yellow spots and present spots of necrosis with a centre of staphylococcal accumulations, a marked leucocytic reaction and a serous, fibrinous or haemorrhagic exudate in the surrounding area. The primary scarlatinal pulmonary focus is characterized by a more marked necrosis and by necrotic lymphadenopathy. Death is believed to be due to cerebral oedema, and influenza is a factor favouring the disease.

Tverdy - Antwerp (V, 7, 15)

BASANETS, L.I.; PONOMARENKO, I.N.

Influence of the northern part of the Carpathians on the evolution
of frontal clouds over the Ukraine. Trudy UkrNIGMI no.43:95-105
'64. (MIRA 18:4)

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203810020-5

GASANKE, 7/7/77

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203810020-5"

BASAN'KO, A. A.

USSR/Cultivated Plants - Fruits. Berries.

M.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15789

Author : Ye. I. Zakharova, A.A. Basan'ko

Inst :

Title : Developmental Peculiarities of grafted and Root-Owning
Grape Vines.
(Osobennosti razvitiya privitykh i kornesobstvennykh
kustov vinograda).

Orig Pub : Agrobiologiya, 1956, No 4, 78-83.

Abstract : Observations in vineyards grafted on frost resistant
stocks at the Central Genetics Laboratory (in Michurinsk)
and the All-Russian Viticultural Institute (Novocher-
kassk) have shown that bushes grafted on a number of
stocks developed and bore fruit better than those having
roots. Data is given on the development of a number of
varieties which were grafts on various stocks. In the
inadequate moisture conditions of the steppe plateau in

Card 1/2

147

COUNTRY : USSR
CATEGORY : Cultivated Plants. Fruits. Berries. Nuts. Tea.

AES. JOUR : Pef. Nauch.-Tekhn. No. 1, 1959, No. 1846

AUTHOR : Zakhareva, Ye.I.; Besan'ko, A.A.
INST. : Sci.Res.Inst.of Viticulture and Wine-Making
TITLE : Grape Cultures on Frost Resistant Stocks.

ORIG. PUBL: Byul. nauchno-tekhn. inform. N. 1, in-ta
vinogradarstva i vinodeliya, 1957, No. 3, 3-6

ABSTRACT : The Scientific Research Institute of Viticulture and Wine Making recommends for the central Zone of the RSFSR and the southern districts that on sandy soils one replace root cultures of grapes with those grafted on frost resistant stocks (European, Amur hybrids, Bulyar) thus raising the drought resistance, frost resistance and the productivity of the bushes
--G.A. Goglieva

CARD: 1/1

POTAPENKO, Ye.I.; LUK'YANOV, A.D.; LAZAREVSKIY, M.A.; DYUZHIEV, P.K.;
ZAKHAROVA, Ye.I.; KOVALEV, A.A.; RUZAYEV, K.S.; NECHAYEV, L.N.;
BASAN'KO, A.A.; MASHINSKAYA, L.P.; ALIYEV, A.M.; MANOKHIN, P.A.;
LITVINOV, P.I.; KOROTKOVA, P.I.; ZAYTSEVA, Yu.F.; GRAMOTENKO, P.M.;
TAIROVA, V.N., red.; PROKOF'YEVA, L.N., tekhn.red.

[Viticulture] Vinogradarstvo. Moskva, Gos.izd-vo sel'khoz.lit-ry,
1960. 612 p. (MIRA 14:1)

(Viticulture)

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203810020-5

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203810020-5"

"APPROVED FOR RELEASE: 06/06/2000

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CIA-RDP86-00513R000203810020-5"

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203810020-5

BASAN'KO, V.S. (Moscow).

Work of a nurse in school. Med.sestra no.9:3-7 S '53.

(MIRA 6:10)

1. Ministerstvo zdravookhraneniya SSSR.

(School nurses)

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203810020-5"

Basantsev, K.A.

BASANTSEV, K. A.

Otvor i pererabotka gorbylei i dosok na aviapilomaterialy. Moskva,
Goslestekhizdat, 1942. 38 p., illus.

Title tr.: Selection and shaping of slabs and planks for aircraft
pylon material.

DLC: Savic Room
Cyr4-TS8

SO: Aeronautical Science and Aviation in the Soviet Union, Library of Congress,
1955

BASANTSEV, K. A.

A handbook for a sawyer on frame saws

1944 71 p. (51-49878)

T8835.B3

1. Lumber

BASANTSEV, A.

BASANTSEV, K.A.

Kokil'shchik. Posobie novomu rabochemu. Rekomenduetsia v kachestve posobiia pri posgotovke rabochikh kadrov na zavodakh. Moskva, Oborongiz, 1946. 126 p., illus. (Bibliotekha rabochego aviationsionnoi promyshlennosti)

Title tr. : Chill molder. Recommended as a manual for the training of factory workers.

SLC: Slavic Room Cyr. 4-TS76

SO: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955

CEROVSKY, Jaroslav, inz.; BASAR, Jaroslav; KNEZ, Vaclav, inz.

Completely mechanized line for acid casein production.
Prum potravin 14 no.2:64-66 F '63.

1. Ustredni vyzkumnny ustav potravinarskeho prumyslu,
Praha (for Cerovsky and Basar). 2. Vyzkumnny ustav
mlekarensky, Praha (for Knez).

BASARAB, A.

LAK, H., Dr.; IOAN, S., dr.; BASARAB, A., dr.

Notes on a case of hyperthyroidism treated with serpasil.
Med. int., Bucur. 3 no.7:1075-1077 Nov 56. (MLRA 9:11)

1. Lucrare efectuata in clinica medicala Spitalul "Brincovenesc"

I.M.F. Bucuresti.

(HYPERTHYROIDISM, therapy

reserpine, in hypertensive patient)

(RESERPINE, ther. use

hyperthyroidism with hypertension)

(HYPERTENSION, therapy

reserpine, in hyperthyroidism)

~~ASHASHKHO, A.~~

BRUNEAU, R., prof.; MACI, H., Dr.; ANTONESCU, H., Dr.; NICOLAU, V., Dr.;
EV'CLIDE, M., Dr.; ACOSTA-CICUERNU, M., Dr.; VASILESCU, I., Dr.;
SIGIU, Ioan, Dr.; PAROU, T., Dr.; BUNUR, N., Dr.; ~~BALOGH, J.~~

Studies of acute diseases of the lungs. Med. int., Bucur. no.5:
685-699 May 52.

1. Clinical medical in Spitalul de Incedente, director: dr. C. Branea
si dr. A. Derevici, dr. D. Sarateanu. (Institutul de cercetare medicala
al Academiei R. P. R., director: acad. St. S. Nicolau)

(PNEUMONIC, PATHOLOGY ATYPICAL

pathol. & diag.)

(RICHTERIAN DISEASES

pneumonia, pathol. & diag.)

BRAUNER, R.; SORIN, E.; DEMAYO, A.; BUCUR, N.; BASARAB, A.

Studies of heparin intradermoreaction. Med. int., Bucur. 10 no.4:
547-554 Apr 58.

1. Clinica medicala a Spitalului "Brincovenesc"
(HEPARIN

sensitivity & intolerance of histamine type, intradermoreactions
during & after heparin ther.)

(SKIN

reaction to heparin, alone & with histamine, intradermoreactions
during & after heparin ther.)

BASARAB,I., dr.; WERSCHING,P., dr.; PELLE, M., dr.; MORA,F., dr.; PELLE,
Adriana, dr.;

Alimentary toxi-infection caused by *Salmonella typhimurium* after
consumption of cottage cheese. Microbiologia (Bucur) 9 no.6:
543-546 N-D '64

1. Lucrare efectuata la Inspectia de stat pentru igiena si
protectia muncii Oravita (director: dr. M. Pelle).

L 2863-66

ACCESSION NR: AP5026374

RU/0011/65/009/002/0076/0080

AUTHOR: Basarab, Serban (Engineer)

TITLE: Standard method for the synthesis of finite memoryless automata with several outputs, constructed with static switching elements

SOURCE: Automatica si electronica, v. 9, no. 2, 1965, 76-80

TOPIC TAGS: finite automation, data processing

ABSTRACT: The author presents an optimal method for the construction of finite memoryless automata with multiple inputs and multiple outputs, starting with static switching elements of the "Nor" type. Both the principle of the method and its practical application (i.e., the calculations involved) are discussed. Orig. art. has 18 formulas and 4 tables.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: DP

NO REF SOV: 000

OTHER: 003

JPRS

Card 1/1

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203810020-5

VOICU, O.; POPESCU, F.; BASARABESCU, T.

Contributions for obtaining some nonionogenic products with
surface activity. Notes II. Rev chimie Min petr 13 no.3:
146-152 Mr '62.

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203810020-5"

5(2)
14(5)

R/007/60/011/03/008/017
D0021/D3001

AUTHOR: Voicu, O., Popescu, F., and Basarabescu, T.

TITLE: Utilization of Isooctyl Phenol and Dodecyl Phenol as
Oxidation Inhibitors

PERIODICAL: Petrol și Gaze, 1960, Vol 11, Nr 3, pp 130 - 134

ABSTRACT: The article deals briefly with the study of the effect of some anti-oxidating agents on Rumanian cracked gasoline and refers to the first studies on altered cracked gasoline carried out by Egloff and others. O. Voicu and F. Popescu suggested the use of long-chain alkyl-phenols, in this case isoctyl phenols, isoctyl cresols and dodecyl phenols as inhibitors with anti-oxidizing effect for thermally cracked gasoline. For this purpose the authors carried out laboratory experiments on the



Card 1/3

R/007/60/011/03/008/017
D0021/D3001

Utilization of Isooctyl Phenol and Dodecyl Phenol as Oxidation Inhibitors

inhibition of oxygen in gasolines. Gasolines treated with tested inhibitors showed the characteristics given in table 2. Two types of gasolines were used in the test, i.e. 1) STAS 176, type B, engine gasoline with a minimum octane number of 60 and which contained about 30% of cracked gasoline, 2) cracked reformed gasoline of the Dubbs type. Both types of gasoline were produced by the Nr 4 Rafinăria (Refinery) in Cîmpina. By comparing the data in table 3 and results obtained from laboratory experiments, the following conclusions were drawn: 1) Alkyl phenols and alkyl cresols produced by the authors and utilizing higher olefins produced by the Rumanian petroleum industry, can be employed as anti-oxidating additives for cracked gasolines; 2) the introduction of these additives into engine gasolines has the following advantages: a) economy in the refining process, b) octane number is maintained at its initial value

Card 2/3

R/007/60/011/03/008/017
D0021/D3001

Utilization of Isooctyl Phenol and Dodecyl Phenol as Oxidation Inhibitors

based on the pressure of non-saturated hydrocarbons,
and c) increase of storage time without an effect
on the quality. There are 3 tables, 1 figure and 13
references, 4 of which are Rumanian, 2 French and 7
English.

SUBMITTED: 24 October 1959

Card 3/3

POPESTIU, F.; BASARABESCU, T.

Study of some properties of nonionic products of the types:
alkylphenols, alkylcresols polyglycolethers, acylpolyglycolethers
and polyoxyethylated alkylphenolformaldehydic resins.
Rev chimie Min petr 14 no.7:400-402 Jl '63.

SEMENYUK, Ivan Markovich; BASARGIN, B.A.; GONCHAR, I.S.; SMIRNOV, A.G.,
redaktor; GUREVICH, M.M., tekhnicheskiy redaktor

[Repair of grain combines] Remont zernovykh kombainov. Izd. 2-e.
ispr. i perer. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 271 p.
(MIRA 9:11)
(Combines (Agricultural machinery)--Repairing)

BASARGIN, B. N.

"An Investigation of the Rectification Efficiency of Filled Columns." Cand Tech Sci, Moscow Inst of Fine Chemical Technology imeni M. V. Lomonosov, 15 Nov 54. (VM, 4 Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No.521, 2 Jun 55

BASARGIN, B.N.

p.3

5(1)

PHASE T BOOK EXPLOTTATION

SOV/2927

Yaroslavl'. Tekhnologicheskiy institut

Uchenyye Zapiski, Tom II (Scientific Notes, Vol. 2)

Yaroslavl'. Vsesoyuznaya Poligraficheskaya Kompaniya, 1957. 283 p. 500 copies printed.

Editorial Staff: A.I.Zaikina, Candidate of Historical Sciences; Docent M.M. Makarov, Candidate of Technical Sciences; Professor M.I. Farberov, Doctor of Technical Sciences;

Resp. Ed.: Professor Yu.S. Masabekov, Doctor of Chemical Sciences

Secretary-Scientist: B.F. Ustavshchikov, Candidate of Chemical Sciences

PURPOSE: This book is primarily intended for industrial chemists and technologists interested in the kinetics of chemical reactions and their related physical processes.

COVERAGE: The twenty-two articles of this collection deal mainly with industrial processes for the preparation of organic compounds, problems of heat physics and general mechanics related to these processes, and with

Card 1/5

Scientific Notes (Cont.)

SOV/2927

industrial chemical equipment. No personalities are mentioned. References are given after each article.

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SOV/2927

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HEAT PHYSICS, GENERAL MECHANICS

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Boydakov, A.K. A Graphic Means of Constructing Surface Effects for Reactions of Rods Fastening a Solid to a Foundation

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AVAILABLE: Library of Congress

Card 5/5

TM/jb
2-26-60

BASARGIN, B.N.

Calculation of mass transfer in rectification columns. Zhur. prikl.
khim. 33 no.8:1809-1812 Ag '60.
(Distillation apparatus) (Mass transfer) (MIRA 13:9)

KAYMAKOV, Ye.A.; BASARGIN, I.V.

Determination of the transfer number in aqueous solutions of
uranyl chloride. Zhur. fiz. khim. 38 no.1:203-204 Ja'64.
(MIRA 17:2)

1. Fiziko-tekhnicheskiy institut imeni A.F. Ioffe AN SSSR.

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203810020-5

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L 42143-65

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000203810020-5"

KONSTANTINOV, B.P.; KAYMAKOV, Ye.A.; BASAROV, I.V.

Determination of the relative difference in the mobility of
isotope ions of uranyl. Zhur. fiz. khim. 39 no.4:836-839
Ap 1965.
(MIRA 19:1)

1. Fiziko-tehnicheskiy institut imeni Ioffe AN SSSR. Submitted
June 19, 1963.

NOVIKOVA, K.F.; BASARGIN, N.N.; TSYGANOVA, M.F.

Micromethod for the determination of sulfur in organic substances
with carboxyarsenazo, a new indicator for the titration of SO_4^{2-}
ion. Zhur.anal.khim. 16 no.3:348-351 My-Je '61. (MIRA 14:6)

I. Ya. V. Samoilov Scientific Research Institute of Fertilizers and
Insectifungicides, and V. I. Vernadsky Institute of Geochemistry and
Analytical Chemistry, Academy of Sciences U.S.S.R., Moscow.
(Sulfur organic compounds)
(Microchemistry)

KUZNETSOV, V.I.; BASARGIN, N.N.

2,7-Dichlorochromotropic acid, a new reagent for the photometric
determination of titanium. Zhur.anal.khim. 16 no.5:573-577
S.O '61. (MIRA 14:9)

1. Vernadsky Institute of Geochemistry and Analytical Chemistry,
Academy of Sciences U.S.S.R., Moscow.
(Titanium--Analysis) (Naphthalenedisulfonic acid)

KUZNETSOV, V.I.; BASARGIN, N.N.

Stability of complexes of trivalent metal ions with substitution
derivatives of salicylic acid. Zhur.neorg.khim. 7 no.4:814-821
Ap '62. (MIRA 15:4)

1. Institut geokhimii i analiticheskoy khimii im. V.I.Vernadskogo.
(Complex compounds) (Salicylic acid)

BASARGIN, N.N.

Carboxyarsenazo. Met. poluch. khim. reak. i prepar.
no.6:29-33 '62. (MIRA 17:5)

1. Institut geokhimii i analiticheskoy khimii imeni
V.I. Vernadskogo AN SSSR.

S/075/62/017/004/004/006
I017/I242

AUTHORS: Kurnetsov, V.I., Basargin, N.N. and Kukisheva, T.N.

TITLE: Photometric determination of titanium in the presence of uranium using dichlorochromotropic acid

PERIODICAL: Zhurnal analyticheskoy khimii, v. 17, no. 4, 1962,
457-459

TEXT: A method is proposed for the determination of traces of titanium in the presence of large amounts of uranium. The colorimetric properties of solutions of uranium and titanium dichlorochromotropic complexes were studied at various pH's. The direct separation is based on the fact that at pH 1-2 titanium

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S/075/62/017/004/004/006
I017/I242

Photometric determination.!

forms a characteristic red complex with dichlorochromotropic acid. The selectivity of the dichlorochromotropic acid is based on the difference in pH's for optimal reaction, the ratio of sensitivities between the titanium and the uranium complexing reactions, and the differences in the absorption spectra. In the determination of 0.01-0.1% titanium in uranium the experimental error does not exceed 4%. There are 2 figures and 2 tables. ✓

ASSOCIATION: Institut geokhimii i analiticheskoy khimii im. V.I. Vernadskogo AN SSSR (Institute of Geochemistry and Analytical Chemistry, im V.I. Vernadsky AS USSR)
Moscow

SUBMITTED: September 16, 1961

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BASARGIN, N.N.; TKACHENKO, A.N.; STUPA, L.R.; BORODAYEVSKAYA, L.N.

Extraction-photometric determination of titanium in steels with
2,7-dichlorochromotropic acid. Zav.lab. 28 no.11:1311-1313 '62.
(MIRA 15:11)

1. Institut geokhimii i analiticheskoy khimii AN SSSR i
Makeyevskiy metallurgicheskiy zavod imeni S.M.Kirova.
(Titanium--Analysis) (Steel--Analysis)
(Naphthalenedisulfonic acid)

S/020/62/144/004/021/024
B101/B138

AUTHORS: Pozdnyakov, A. A., Basargin, N. N., and Gerlit, Yu. B.

TITLE: Extraction of technetium as triphenyl guanidine pertechnetate

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 144, no. 4, 1962, 861 - 863

TEXT: The separation of technetium from ruthenium and molybdenum as a complex with triphenyl guanidine chloride $[C_6H_5NH-C(NHC_6H_5)Cl]$ was examined.

The solvent used was chlorex(β,β -dichlorodiethylether). The extraction was checked by means of radioactive isotopes Tc^{99m} ($T_{1/2} = 6$ hr); Mo⁹⁹ ($T_{1/2} = 2.8$ days); and Ru¹⁰⁶ ($T_{1/2} = 290$ days). Results: In HClO₄ no extraction occurred. In HCl and HNO₃, the distribution coefficient D dropped very steeply as the acid concentration rose. In H₂SO₄, on the other hand, D was fairly independent of the acid concentration as this acid is not coextracted. (2) In H₂SO₄ (0 - 10 M) the values were

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Extraction of technetium as...

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$D_{TeO_4^-} \sim 10^3$; $D_{ReO_4^-} \sim 10^2$; $D_{MoO_4^{2-}} \sim 1$; $D_{Ru} \sim 0$. (3) Neither Ru³⁺ nor Ru⁴⁺ nor the nitroso-complexes of the Ru were extracted, which shows that complete separation of the Tc from the Ru would be possible even if the latter were present in great excess. There are 3 figures and 1 table. The most important English-language reference is: G. E. Boyd, Q. V. Larson, E. E. Motta, J. Am. Chem. Soc., 82, 809 (1960).

ASSOCIATION: Institut geokhimii i analiticheskoy khimii im. V. I. Vernadskogo Akademii nauk SSSR (Institute of Geochemistry and Analytical Chemistry imeni V. I. Vernadskiy of the Academy of Sciences USSR)

PRESENTED: January 11, 1962, by A. P. Vinogradov, Academician.

SUBMITTED: December 28, 1961.

Card 2/2

BASARGIN, N. N.

Dissertation defended for the degree of Candidate of Chemical Sciences
at the Institute of General and Inorganic Chemistry imeni
N. S. Kurnakov: in 1962:

"Structure of Organic Reagents and Stability of Complexes."

Vest. Akad. Nauk SSSR. No. 4, Moscow, 1963, pages 119-145

NOVIKOVA, K.F.; BASARGIN, N.N.

Volumetric microanalysis of sulfur in organic compounds using
a new carboxyarsenazo indicator. Trudy Kom.anal.khim. 13:
27-32 '63. (MIRA 16:5)
(Sulfur—Analysis) (Sulfur organic compounds)

S/075/63/018/001/066/016
E071/E452

AUTHORS: Savvin, S.B., Basargin, N.N., Makarova, V.P.

TITLE: An analytical application of dibromoarsenazo II.
The determination of thorium in the presence of rare earth elements

PERIODICAL: Zhurnal analiticheskoy khimii, v.18, no.1, 1963, 61-65

TEXT: The results of an investigation of the applicability of dibromoarsenazo II for the photometric determination of thorium indicated that it can be used for this purpose in the presence of rare earth elements which in 1 N hydrochloric acid do not interfere with the determination up to a ratio of 1:5000. The sensitivity of the determination is 0.05 $\mu\text{g}/\text{ml}$ of thorium. Sulphates and phosphates in quantities of up to 100 mg in 25 ml of the solution do not interfere with the determination. The reagent may also be useful for the determination of some other elements, as it produces sufficiently contrasting reactions with boron, UO_2^{2+} , vanadium IV and rare earth elements (the colour formed and maximum permissible acidity for the individual elements is given). The method of the synthesis of the reagent is outlined. There are 4 figures and 2 tables.

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An analytical application ...

S/075/63/018/001/006/010
E071/E452

ASSOCIATION: Institut geokhimii i analiticheskoy khimii im.
V.I.Vernadskogo AN SSSR, Moskva (Institute of
Geochemistry and Analytical Chemistry imeni
V.I.Vernadskiy AS USSR, Moscow)

SUBMITTED: May 4, 1962

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